TOTH, F.

TOTH, F. Problems of winding in connection with the rotating parts of a turbogenerator. . 67.

Vol. 15, No. 1/4, 1955.
KOZLEMENYEI.
TECHNOLOGY
Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

TOTH, F.; KELEMEN, J.; SZATAI, I.

Experimental dextrocardiography with carbon dioxide. Acta med. Hung. 18 no.3:273-280 '62.

1. X-ray Laboratory of the First Department of Surgery (Director: Prof. Gy. Szeleczky), University Medical School, Debrecen.
(ANGIOCARDIOGRAPHY) (CARBON DIOXIDE)

TOTH, Ferenc, dr.; SZENDAHELYI, Ferenc, dr.

Bone deformities in hemolytic anemia. Gyermekgyogyaszat 13 no.9: 273-276 S '62.

1. A Debreceni OTE I. sz. Sebeszeti Klinika (Igazgato: Szeleczky Gyula dr. egyet. tanar) Rontgen-osztalyanak (Vezeto: Rencz Antal dr. egyet. docens) es Gyermekklinikajanak (Igazgato: Kulin Laszlo dr. egyet. tanar) kozlemenye.
(ANEMIA, HEMOLYTIC) (BONE DISEASES)

TOTH,F.; GIMES,R.

Senile changes in the female endocrine glands and internal sex organs. Acta morph.acad. sci. Hung. 12 no.3:301-313 '64.

1. First Department of Gynaecology( Director: Prof. B. Horn), University Medical School, Budapest.

*

TOTH, F.

Effect of synthetic gestagens on the vaginal epithelium. Cesk. gynek. 29 no.1:19-20 F'64.

1. I. gyn.-por. klin. lek. fak. v Budapesti; reditel: prof. dr. B.Horn.

TOTH,F.; CSOMOR, S.; SZLEPKA, G.

Histochemical examination of cervical carcinoma during radiotherapy. Acta morph. acad. sci. Hung. 12 no.4:453-459 '64

1. First Department of Gynaecology (Director: B. Horn), University Medical School, Budapest.

TOTH, Ferenc, okleveles gepeszmernok

Plastic brake block tests conducted by the Capital Electric Railways, Budapest. Kozl tud sz 14 no. 8:367-372 Ag '64.

1. Division of Technical Development, Capital Electric Railways, Budapest.

TOTH, Ferenc, dr.; CSOMOR, Sandor, dr.; MESZAROS, Janos, dr.

Mesonaphrogenic adenocarcinoma and adenoma of the cervix. Orv. hetil. 105 no.1:31-33 5 J '64.

1. Budapesti Orvostudomanyi Egyetem, I. Noi Klinika.

TOTH,F.; KELEMEN, J.

Splenoportography in the diagnosis of esophageal varices. Cesk. radiol. 19 no.2:85-90 Mr '65.

1. Rentgenologicke oddeleni Mestske nemocnice v Miskolci a radiologicke kliniky university v Devrecenu, Madarsko.

TOTH, Ferenc, dr.

The role of hirepin in the treatment of imminent abortion and premature labor. Magy.noorv.lap. 26 no.6:344-345 N '63.

1. Budapesti Orvostudomanyi Egyetem I. sz. Noi Klinikajanak közlemenye (Igazgato: Horn Bela dr. egyet. tanar).

*

SIPOS, Imre, vegyesztechnikus; FRINDT, Lajos, vegyesztechnikus; TOTH, Ferenc, cukorfozo.

"SUCROSCOP", the new optical instrument of the sugar industry. Cukor 11 no.2:33-35 F'58

1. Hatvani Cukorgyar.

TOTH, Ferenc

Forged aluminum component parts. Koh lap 12 no. 11/12 534-538 N-D '57.

TOTH, Ferenc

From a trade-union worker's diary. Hung TU no.1:16-17 Ja '63.

1. Ganz-Mavag Factory.

TOTH,

TOTH, F.; CSOMOR, S.; MESZAROS, J.

Mesonephrogenic adenocarcinoma and adenoma of the uterine cervix.
Acta morph. Acad. sci. Hung. 13 no.1:83-90 '64

1. I. Gynaekologische Klinikik (Direktor: Prof. Dr. B. Horn)
der Medizinischen Universitat, Budapest.

TOTH, Ferenc, okleveles kohomernok

Die forging of undercut workpieces. Koh lap 93 no.10:452-455 O '60.

1. Szekesfehervari Konnyufemmu.

TOTH, Ferenc, okloveles kohomernok

Die forging of undercut workpieces. Koh lap 93 no.11:494-497 N '60.

1. Szekesfehervari Konnyufemmu.

TOTH, Ferenc

Concrete plants of building member factories. Magy ep ipar 11 no.9:411-423 '62.

LANCOS,F.; TOTH,F.

On the appearance of high-grade heart-muscle calcification in combination with chronic nephritis. Acta med. hun. 15 no.1:229-246 '60.

1. I. Kinderklinik und II.Institut fur Pathologische Anatomie der Medizinischen Universitat, Budapest.
(HEART pathol.)
(NEPHRITIS pathol.)
(CALCIFICATION etiol.)

Toth, F.

HUNGARY / Chemical Technology. Chemical Products and Their Application. Carbohydrates and Their Processing.

Abs Jour: Ref Zhur-Khimiya, No.9, 1959, 33021.

Author : Sipos, I., Frindt, L., Toth, F.
Inst : Not given.
Title : Sucroscope - A New Optical Measuring Instrument for the Sugar Industry.

Orig Pub: Cukoripar, 1958, 11, No 2, 33-35.

Abstract: A new optical measuring instrument of the firm "Putsh" is described. On a semitransparent screen of the instrument, there is projected a magnified (30 times) image of a substance evaporating in a vacuum apparatus at a distance of

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... instru-
... process of
... accurately
... -- G. V...



Card 2/2

Toth, F.

Problems of the aggregate preparation works in concrete-element plants. p. 333

EPITOANYAG. (Epitoanyapipari Tudomanyos Egyesulet)
Budapest, Hungary. Vol. 11, no.9, September 1959

HARANGHY, L.; ZOLTAN, L.; SZINAY, Gy.; TOTH, F.; NEMETH, M.

Behavior of extragenital tumors during pregnancy. Acta med. hung. 6 no.3-4:291-303 1954.

1. I. Institut fur Pathologische Anatomie der Medizinischen Universitat, Budapest und Wissenschaftliches Forschungsintstitut fur Neurochirurgie, Budapest.

(PREGNANCY, compl.
cancer, extragenital)
(NEOPLASMS, in pregn.
extragenital)

SOS, J.:TOTH, F.:KEMENY, T.

The effect of amino acid-deficient diet on the growth of experimental tumors. Kiserletes orvostud. 4 no. 4:284-288 Aug 1952. (CIML 23:5)

1. Doctors. 2. Pathophysiology Institute, Budapest Medical University.

TOTH, Ferenc

Sliding template production technology at the No.1 Factory for Building Elements. Magy ep ipar 10 no.11:492-494 N '61.

H/014/60/000/010/003/004
E190/E580

AUTHOR: Tóth, Ferenc, Dipl. met. eng.

TITLE: Die Forging Undercut Work Pieces

PERIODICAL: Kohászati lapok, 1960, No.10, pp.452-455

TEXT: This is the first part of the paper, the second part is published in No.11, pp.494-497.
The forging of undercut work pieces presents several problems and typical solutions, taken from the literature, are discussed. The undercut section is either forged straight and then bent over, or it is forged in one operation in a sectioned die. In the latter case, the die sections are usually moved by hand, causing delays and inaccuracies. One solution of this problem, protected by (unspecified) German and Hungarian patents, relates to the forging of female fire-hose bayonet couplings in Al-Mg-Si alloy. The difficulty there is the forging of undercut bosses (lugs) on the inside of the union, with a smooth finish that obviates subsequent machining. The material of the bosses is first forged as an axial continuation of the union body and is then (after removing the flash) forged into final shape, using a complex die set with expanding internal mandrels (Fig.24). This union has a tensile

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Die Forging Undercut Work Pieces H/014/60/000/010/003/004
E190/E580

strength of 30-38 kg/mm$^2$ and an elongation of 6-16% in the fully heat treated condition against 16-20 kg/mm$^2$ T.S. and 0-3% E of cast and heat treated Al-Si alloy. Approximately 100 000 unions were produced during the last three years. There are 27 figures, 1 table and 9 references: 5 Hungarian and 4 non-Hungarian.

ASSOCIATION: Székesfehérvári Könnyűfémmű
(Székesfehérvár Light Metal Works)

[Abstractor's Note: This is an abstract of the complete paper]

Card 2/3

Die Forging Undercut Work Pieces H/014/60/000/010/003/004
E190/E580

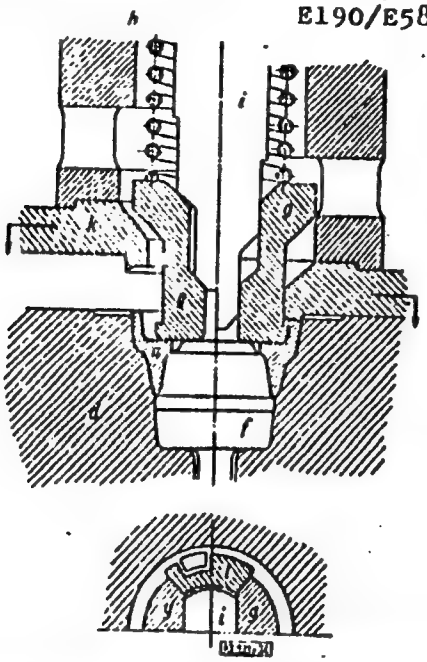


Fig.24




Card 3/3

CSABA, B.; SZILAGYI, T.; KAVAI, Maria; SZATAI, I.; TOTH, F.

The effect of x-rays on anaphylaxis in the guinea pig. Acta physiol. hung. 20 no.1:61-69 '61.

1. Institute of Pathophysiology, and Section of Radiology of the Department of Surgery No.1, Medical University, Debrecen.
(ALLERGY exper) (RADIATION INJURY exper)

HUNGARY

TOTH, Ferenc, Dr, KELEMEN, Janos, Dr, SZATAI, Imre, Dr; Medical University of Debrecen, I. Surgical Clinic (Debreceni Orvostudomanyi Egyetem, I. sz. Sebeszeti Klinika) (Director: SZELECZKY, Gyula, Dr, professor), Department of Rontgenology (Rontgenosztaly) (chief: RENDZ, Antal, Dr, docent).

"X-Ray Diagnostical Importance of the Os Styloideum and Clinical Symptoms of 'Carpe Bossu'."

Budapest, Magyar Radiologia, Vol XV, No 2, Apr 63, pages 82-85.

Abstract: [Authors' English summary] In four patients, bilateral os styloideum has been found in connection with clinical symptoms of consequent arthritis. The presence of an os styloideum produces a "locus minoris resistentiae"; in case of increased usage or trauma the clinical symptoms of carpe bossu may also appear. All Western references.

1/1

HUNGARY

TOTH, Ferenc, Dr; Borsod A.Z. Megyei Council Hospital (director: [illegible], Istvan, Dr), Central Rontgenological Ward (chief: TOTH, Ferenc, Dr) (Borsod-A.-Z. Megyei Tanacs Korhaza, Kozponti Rontgen Osztaly), Miskolc.

"Biological-Chemical Protection Against Radiation."

Budapest, Magyar Radiologia, Vol XV, No 4, Aug 1963, pages 193-200.

Abstract: [Author's English summary modified] The use of ionizing radiation necessitated the investigation of the problems of radiation protection. After a brief survey of the chemical compounds which have a protective effect, the mechanism of radio-protection is discussed. The use of bone marrow transfusion is also mentioned. No references.

1/1

TOTH, Ferenc, dr.; KELENHEGYI, Marton, dr.; KELEMEN, Janos, dr.; SZATAI, Imre, dr.

The importance of angiographic kidney examinations in urological x-ray diagnosis. Magy. radiol. 15 no.5:266-272 S '63.

1. A Debreceni Orvostudomanyi Egyetem I sz. Sebeszeti klinika (igazgato: Szeleczky Gyula dr. egyetemi tanar) Rontgen Osztalyanak (vezeto: Rencz Antal dr. egyetemi docens) es Urologiai Osztalyanak (vezeto: Kelenhegyi Marton dr., egyetemi docens) kozlemenye.

(ANGIOGRAPHY) (KIDNEY) (UROGRAPHY)
(PYELONEPHRITIS) (HYDRONEPHROSIS)
(TUBERCULOSIS, RENAL) (HYPERTENSION, RENAL)
(NEPHRECTOMY) (CONTRAST MEDIA) (DIATRIZOATE)

TOTH, Ferenc, dr.; KARMAZSIN, Laszlo, dr.; SZATAI, Imre, dr.

X-ray diagnosis of thrombosis of the inferior vena cava. Magy. radiol. 14 no.5:273-278 S '62.

1. A Debreceni Orvostudomanyi Egyetem I. sz. Sebeszeti Klinika (igazgato: Szeleczky Gyula dr. egyetemi tanar) Rontgen Osztalyanak (vezeto Rencz Antal dr. egyetemi docens) es Gyermekklinikajanak (igazgato: Kulin Laszlo dr. egyetemi tanar) kozlemenye.
(THROMBOSIS) (VENA CAVA INFERIOR)

TOTH, Ferenc, dr.; KELEMEN, Janos, dr.; SZATAI, Imre, dr.

Roentgen diagnostic significance of the styloid bone and clinical symptoms of "carpe bossu". Magy. radiol. 15 no.2:82-85 Ap '63.

1. A Debreceni Orvostudomanyi Egyetem I. sz. Sebeszeti Klinika (igazgato: Szeleczky Gyula dr. egyetemi tanar) Rontgenosztalyanak (vezeto: Rencz Antal dr., egyetemi docens) kozlemenye.
(ULNA) (RADIOGRAPHY) (ABNORMALITIES) (ARTHRITIS)

TOTH, Ferenc, dr.

The role of Hirepin in the treatment of pruritus vulvae. Borgyogy. vener. szemle 38 no.5:205 O '62.
(PRURITUS VULVAE) (CHLORPROMAZINE)
(RESERPINE) (PROMETHAZINE)

TOTH, Ferenc, dr.; KELEMEN, Janos, dr.; SZATAI, Imre, dr.

X-ray diagnosis and clinical significance of esophageal varices.
Magy. sebesz. 15 no.6:382-393 D '62.

1. A Debreceni Orvostudomanyi Egyetem I. sz. Sebeszeti Klinika (Igazgato: Szeleczky Gyula dr. egyetemi tanar) Rontgen Osztalyanak (Vezeto: Rencz Antal dr. egyetemi docens) kozlemenye.
(ESOPHAGEAL VARICES) (SPLENOPORTOGRAPHY)

TOTH, Ferenc

HUNGARY

MD

X-Ray Department (Head: Antal RENCZ,MD,Docent) of the No.1 Surgery Clinic (Director: Professor Gyula SZELECZKY, MD) of the Medical School, University of Debrecen (Debreceni OTE I.sz. Sebeszeti Klinika Rontgen Osztalya)

Budapest, Gyermekgyogyaszat, No 9, Sep 62, pp 273-277.

"Bone Deformities with Haemolytic Anaemia."

Co-author:

SZERDAHELYI, Ferenc, MD, Children's Clinic (Director: Professor Laszlo KULIN, MD) Medical School, University of Debrecen (Debreceni OTE Gyermekklinikaja)

TOTH, Ferenc, dr.; CSOMOR, Sandor, dr.; SZLEPKA, Geza, dr.

Histological examination of cervical cancer during radiotherapy. Magy. nőorv. lap. 26 no.3:156-161 My '63.

1. I. sz. Noi klinika. Budapesti Orvostudomanyi Egyetem. (Igazgato Horn Bela dr. egyetemi tanar).
(CERVIX NEOPLASMS) (RADIOTHERAPY) (STAINS AND STAINING)
(BIOPSY) (ALKALINE PHOSPHATASE) (GLYCOGEN)
(MUCOPOLYSACCHARIDES) (RNA) (DNA) (ADENOCARCINOMA)

L 39910-66

ACC NR: AP6029385 SOURCE CODE: HU/0021/65/000/006/0337/0344

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B

AUTHOR: Toth, Ferenc--Tot, F. (Doctor; Director)

ORG: Borsod A.-Z. Megye Council Hospital/directed by Dr. Istvan Szabo/, Central Radiology/directed by Dr. Ferenc Toth/, Miskolc (Borsod A.-Z. Megyei Tanacs Korhaza, Kozponti Rontgen Osztaly)

TITLE: Place of hormone therapy and the method used in the treatment of cancer of the breast

SOURCE: Magyar radiologia, no. 6, 1965, 337-344

TOPIC TAGS: cancer drug, therapeutics, hormone

ABSTRACT: The methods, therapeutic results and the side effects of hormone therapy of mammary carcinomas are surveyed. The mechanism of action and the theory of hormone-therapeutic procedures is discussed briefly. In patients with breast carcinoma, the life expectancy can be increased and also the pain can be diminished; therefore, hormone therapy represents a valuable addition to the therapeutic procedures used earlier. Orig. art. has: 3 figures. [JPRS: 34,161]

SUB CODE: 06 / SUBM DATE: none

Card 1/1

TOTH, Ferenc, dr.; GIMES, Rezso, dr.

Changes in the internal genital and endocrine organs in aged women. Magy. noorv. lap. 26 no.3:161-169 My '63.

1. I. sz. Noi Klinika. Budapesti Orvostudomanyi Egyetem. (Igazgato: Horn Bela dr. egyet. tanar).
(GENITALIA, FEMALE) (PITUITARY GLAND) (PANCREAS)
(ADRENAL CORTEX) (MENOPAUSE) (ESTROGENS) (ARTERIOSCLEROSIS)

TOTH, Jerome, dr.; GUSSI, Desso, dr.

[illegible]

TOTH, Ferenc, dr.; TREIT, Sandor, dr.

Treatment of threatened abortion with gestagens and tranquilizers. Orv. hetil. 105 no.47:2234-2238 22 N '64.

1. Budapesti Orvostudomanyi Egyetem, I. Noi Klinika (gazgato: Horn Bela dr.).

Dermatology

HUNGARY

NEKAM, Lajos, Dr, NEUBAUER, György, Dr, SUGAR, Laszlo, Dr, TOTH, Ferenc, Dr; Medical University of Budapest, Dermatological and Venereological Clinic (director: FOLDVARI, Ferenc, Dr) I. Gynecological Clinic (director: HORN, Ferenc, Dr), and Oral Surgical Clinic (director: BALOGH, Karoly, Dr) (Budapesti Orvostudomanyi Egyetem, Bor- es Nemikortani Klinika, I. Noi Klinika es Szajsebeszeti Klinika).

"A Combination of Hyalinosis of the Skin and Mucous Membranes and Dysgerminoma."

Budapest, Orvosi Hetilap, Vol 107, No 52, 25 Dec 66, pages 2475-2478.

Abstract: [Authors' Hungarian summary] The case of a 15 year old girl is described who suffered from hyalinosis of the skin and mucous membranes, and also had a dysgerminoma. No data were found which would have indicated a hereditary factor and an examination of the chromosomes also failed to reveal any changes in the leukocyte cultures. The material deposited in the connective tissue of the skin and mucous membranes, and especially in the wall of the small vessels, was judged to be a glycoprotein after extensive histological examinations and in agreement with literature data. The simultaneous presence of the two extremely rare diseases, hyalinosis and dysgerminoma, is attributed to chance and no relationship was found between them with respect to either course or clinical and histological appearance. 6 Hungarian, 21 Western references.

1/1 2473

TOTH, Ferenc, dr.; FEHER, Laszlo, dr.

Gonadal dysgenesis and teratoblastoma. Orv. hetil. 102 no.41:1950-1953 8 O '61.

1. Budapesti Orvostudomanyi Egyetem, I Noi Klinika es II Belklinika.

(GONADS abnorm) (TERATOID TUMOR compl)

H/014/60/000/011/002/002
E190/E580

AUTHOR: Tóth, Ferenc, Dipl.met. eng.

TITLE: Die Forging Undercut Work Pieces

PERIODICAL: Kohászati lapok, 1960, No.11, pp.494-497

TEXT: This is the second part of the paper, the first part being published in No.10, pp.452-455. The forging of undercut work pieces presents several problems and typical solutions, taken from the literature, are discussed. The undercut section is either first forged straight and then bent or it is forged in one operation in a sectioned die. In the latter case, the die sections are usually moved by hand, causing delays and inaccuracies. One solution of this problem, protected by (unspecified) German and Hungarian patents, relates to the forging of female fire-hose bayonet couplings in Al-Mg-Si alloy. The difficulty there is the forging of undercut bosses (lugs) on the inside of the union, with a smooth finish that obviates subsequent machining. The material of the union body and is then (after as an axial continuation of the bosses is first forged into final shape, using a complex die removing the flash)

Card 1/3

Die Forging Undercut Work Pieces H/014/60/000/011/002/002
E190/E580

set with expanding internal mandrels (Fig.24). This union has a tensile strength of 30-38 kg/mm$^2$ and an elongation of 6-16% in the fully heat treated condition against 16-20 kg/mm$^2$ T.S. and 0-3% E of cast and heat treated Al-Si alloy. Approximately 100 000 unions were produced during the last 3 years. There are 27 figures, 1 table and 9 references: 5 Hungarian and 4 non-Hungarian.

ASSOCIATION: Székesfehérvári Könnyűfemmű (Székesfehérvár Light Metal Works)

[Abstractor's Note: This is an abstract of the complete paper.]

Card 2/3

TOTH, Ferenc, dr.; SZERDAHELYI, Ferenc, dr.

Directly-enlarged roentgenograms of osseous changes in leukemias in children. Gyermekgyogyaszat 11 no.11:329-336 N '60.

1. A Debreceni OTE I. sz. Sebeszeti Klinika (Igazgato: dr.Szeleczky Gyula egyet. tanar) Rontgen Osztalya (Vezeto: dr. Rencz Antal egyet. docens) es Gyermekklinika (Igazgato: dr. Kulin Laszlo egyet. tanar) kozlemenye.

(LEUKEMIA radiogr)
(BONE AND BONES radiogr)

TOTH, Ferenc, Dr.

Hepatolienal lymphogranulomatosis. Orv. hetil. 98 no.47:1307-1309 24 Nov 57.

1. A Budapesti Orvostudomanyi Egyetem II. sz. Korbonctani Intezetenek (igazgato: Haranghy Laszlo dr. egyet. tanar) kozlemenye.
(HODGKIN'S DISEASE, case reports
hepatolienal (Hun))
(LIVER NEOPLASMS, case reports
Hodgkin's dis. (Hun))
(SPLEEN, neoplasms
Hodgkin's dis., case report (Hun))

TOTH, F.

Forged aluminum parts.

P. 534. (KOHASZATI LAPOK) (Budapest, Hungary) Vol. 12, no. 11, Nov./Dec. 1957

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

TOTH, Ferenc, Dr.

Congenital duodenal stenosis. Magy. radiol. 11 no.3:177-180 Aug 59

1. A Debreceni Orvostudomanyi Egyetem I. sz. Sebeszeti Klinikaja (igazgato: Szeleczky Gyula dr. egyetem tanar) rontgenlaboratoriumanak (vezeto: Rencz Antal dr. egyetemi docens) kozlemenye.
(DUODENUM, abnorm)

TOTH, Ferenc

BORNEMISZA, Gyorgy, dr.; SZILAGYI, Imre, dr.; BAKO, Geza, dr.; KISS, Antonia, dr.; RESSMANN, Valeria; TOTH, Ferenc, dr.

Replacement of vascular defects with lyophylized vascular grafts. Magy. sebeszet 7 no.6:418-426 Dec 54.

1. A Debreceni Orvostudomanyi Egyetem Sebeszeti Anatomiai es Mutettani Intezetenek kozlemenye. Tanszekvezeto: dr. Bornemisza Gyorgy.

(BLOOD VESSELS, transpl.
homografts, lyophilized)
(TRANSPLANTATION
vasc. homografts, lyophylized)

TOTH, Ferenc, dr.; KELEMEN, Janos, dr.; SZATAI, Imre, dr.

Arteriography of the coronary vessels. Magy radiol. 12 no.4: 205-210 N '60.

1. A Debreceni Orvosludomanyi Egyetem I. sz. Sebeszeti Klinika (igazgato: Szeleczky Gyula dr. egyet. tanar) Rontgen Osztalyanak (vezeto: Rencz Antal dr. egyet. docens) kozlemenye.
(ANGIOCARDIOGRAPHY)

CSABA, Bela; SZILAGYI, Tibor; HAVAI, Maria; SZATAI, Imre; TOTH, Ferenc

Effect of roentgen rays on anaphylactic shock in guinea pigs.
Kiserletes orvustud. 13 no.3:274-281 Je '61.

1. Debreceni Orvostudomanyi Egyetem Korelettani Intezete is az I. sz. Sebeszeti Klinika Rontgen Osztalya.

(ALLERGY exper) (RADIATION EFFECTS exper)

TOMPA, Kalman; TOTH, Ferenc

Wide-line nuclear magnetic resonance spectrometer. Magy fiz folyoir 11 no.3:177-189 '63.

1. Magyar Tudomanyos Akademia Kozponti Fizikai Kutato Intezete.

TOMPA, Kalman; TOTH, Ferenc

The effect of cold rolling and heat treatment on the magnetic resonance spectrum of $^{63}Cu$ in copper foils. Koz fiz kozl MTA 11 no.3:215-225 '63.

L 18798-63 EWT(1)/EWT(m)/BDS/ES(j) AMD/AFFTC/ASD AR/K

ACCESSION NR: AP3005987 H/0021/63/000/004/0193/0200

AUTHOR: Toth, Ferenc (Dr.)

TITLE: Biological-chemical protection against radiation

SOURCE: Magyar radiologia, no. 4, 1963, 193-200

TOPIC TAGS: radioprotective agent, sulfhydryl group, sulfur-containing amino acid, biogenic amine, hypoxia-producing agent, radioactive-ion remover, thiocarbamide, bone-marrow transplantation

ABSTRACT: The increased use of ionizing radiation makes the question of biochemical methods of protection ever more important. Several groups of chemical compounds exhibiting radioprotective properties are known, but no general explanation is available for their mechanism of action. The first group is made up of compounds which either have the general formula $HS-(CH_2)_x-N(R_1)(R_2)$, or which readily form compounds of this structure. This group includes cysteamine, cysteine, glutathione, $\beta$-aminoethylisothiouronium bromide HBr and homocysteine thiolactone. It is essential for effective radioprotection that the SH- group be unsubstituted and that $x \leq 3$. $R_1$ and $R_2$ may be H or an alkyl radical. The

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L 18798-63
ACCESSION NR: AP3005987

second group comprises biogenic amines such as adrenaline, noradrenaline, tyramine, tryptamine, 5-hydroxytryptamine and histamine. The third group includes hypoxia-producing agents such as barbiturates, morphine, reserpine, chloropromazine. The fourth group comprises compounds which remove radioactive ions: ethylenediaminetetraacetic acid, diethyldithiocarbamate, thiocarbamate, etc. A special place is occupied by thiocarbamide. Further compounds with radioprotective effect are glucose, fructose, ethanol and sodium fluoroacetate. Since most of these agents are effective only in toxic doses and must be applied shortly before irradiation, the possibility of their therapeutic use is limited. The article gives a brief literature survey of bone-marrow transplantation. Orig. art. has: 9 formulas.

ASSOCIATION: Kozponti rontgen osztaly, Borsod-Abauj-Zemplen Megyei tanacs korhaza (Central X-Ray Department of the Hospital of the Borsod-Abauj-Zemplen Megye Council)

SUBMITTED: 00 DATE ACQ: 27Aug63 ENCL: 00

SUB CODE: AM NO REF SOV: 000 OTHER: 000

Card 2/2

TOTH, G., doctor of chemical sciences

Oscillographic study of the breaking of leather fibres. Acta techn Hung 40 no.3/4:225-235 '62.

1. Leather Works of Pecs, Hungary.

TOT, G. [Toth, G.]

Adsorption of $I^{131}$ tagged iodine on a platinum surface. (MIRA 16:10)
Radiokhimiia 5 no.4:411-419 '63.

(Iodine isotopes) (Adsorption) (Platinum)

Hungarian Technical Abst.
Vol. 5 No. 2
1953

pounds that formed the [illegible]
easily decomposed by "Tannase". These are gallic acid methylester, ethylester, gallic acid phenylester, digallic acid, glycogallin and chinese tannin. A decrease in the initial substances was experienced when methyl alcohol and gallic acid were used which indicated that the synthesis had occurred. The synthesis may attain 25 per cent [illegible] acid from gallic acid takes place

Tóth, G.

109 Extensibility of russet upper leathers -- G. Tóth (Bőr- és Cipőipar — Vol 5, 1955, No. 2, pp. 31 - 34, 4 figs., 4 tabs.)

When pulling russet upper leather on the last it was found that the elongation of the leather was 7.1 - 11.9%, and the stress required was 30 - 80 kg. If the values of the longitudinal and transversal stretch of the leather do not differ substantially the stress required for increasing the area of the leather when pulling it on the last is the lowest. Tensile diagrams referring to unit cross section at 5 - 20% elongations were examined. The average required stress was 11 kg/cm² for a strain of 5%, 35 kg/cm² for 10% and 110 kg/cm² for 20%. The quality of the hide, the liming, tanning, stuffing and staking determine the extensibility of the leather. Higher concentrated and more adstringent liquors and longer periods of tanning reduce the extensibility. The power required for stretching must be increased by 17% if tanning is threefold its normal time. Weakly staked leather is easier to pull on the last however the yield is lower at cutting and the danger of the shoes stretching with wear increases. It is recommended to standardize the tensions measured at strains of 5—20% these being characteristic of the behaviour of the leather pulled on the last. The compression modulus of elasticity of the russet leather is less than the strain modulus of elasticity. A table is given for comparing the strain, bending and compression moduli of elasticity of different leathers.

7 : H,

✔ 38 **Determination of the elasticity of leather (in English)**
– G. Tóth, V. Pósa (*Acta Technica Academiae Scientiarum Hungaricae* Vol. 10, 1955, No. 3–4, pp. 419–456, 25 figs., 12 tabs.)

HT

In order to compare data supplied by literature correlations between sample size, test span and the force required for flexing were examined. Hooke's law is valid only for slight flexures, in case of heavier flexures the curve flattens out and attains its peak when the holder ends are at right angles. From this peak the modulus of elasticity can be determined with greater accuracy than by means of the tangents drawn to slight flexures. The force required for flexing increases as the third power of thickness, this was borne out by statistical data. For 90° flexure a square correlation was found to exist between load and span. The behaviour of leather differs from that of other homogeneous absolutely elastic bodies. Thus the loads producing identical flexures on the grain and on the flesh side are not identical, strong relaxation and hysteresis appear with repeated flexure, etc. The measurement of the modulus of elasticity for bending by the Herfeld, Toth, Zilles, Pósa and English methods and also by the method developed at the Research Institute for the Leather Industry is described in detail. The values and dispersions of the modulus of elasticity for various types of leather are incorporated in tables.

TOTH, G.; FOGA, V.

TOTH, G.; FOGA, V. Measurement of the elasticity of leather. p. 247.

Vol. 15, No. 1/4, 1955.
FOZLEMENYEI.
TECHNOLOGY
Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956.

TOTH, G.

Strength and elasticity of finished leathers under various stresses. p. 74, BOR- ES CIPOTECHNIKA (Boripari Tudomanyos Egyesulet mint a Magyar Tudomanyos Egyesuletek Szovetsege Tagegyesulete) Budapest, Vol. 6, No. 4, Aug. 1956

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 5, No. 11, November 1956

TOTH, S.

The use of synthetic tanning materials for sole leather and cow hides. Tr. from the Hungarian. p.70 (Kozarstvi, Vol 7, no. 3, Mar. 1957) Praha

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756410013-3"

TOTH, G

Distr: 4E2c

4

1

The separation of thorium, zirconium, and niobium by anion exchange in sulfate medium. Ferenc Molnár and Gyorgy Tóth (Központi Fiz. Kutató, Budapest, Hung.). ~~Magyar Tudományos Akad. Központi Fiz. Kutató Intézetének~~ *Közleményei* 6, 60–70(1958).—The ion exchanger used was a quaternary ammonium-type resin. Th, Zr, and Nb were adsorbed from a 0.1*M* $Na_2SO_4$-0.03*M* $H_2SO_4$ soln. The same soln. was used for the elution of Th; 2*N* HCl was used to elute the Zr and 4*N* HCl the Nb. A. W. Zelay.

GW

4C

COUNTRY : Hungary
CATEGORY :

ABS. JOUR. : RZKhim., No. 1 1960, No.

AUTHOR : Filep, G. and Forb, G.
INST. : not given
TITLE : Data on the Composition of the Waters in the 'Staritsovo' in the Northern Part of the Territory West East of Tisa

SOURCE, PUB. : Orszagos Mezogazdasagi Fmszerviszet Int. Ev. Mu-lis, 1956-1957 (1958)

ABSTRACT : Data are presented on the salt composition of the waters. From the point of view of suitability for irrigation and fertilizers, the waters can be divided into four groups.

V. Konshin

CARD: 1/1 92

B-III-3

Artificial ageing of brandy with the aid of catalysts. G. Tsyn (Ukrgiprospirt Chem. Pol., 1937, 16, 129—134; Chem. Zentr., 1938, I, 2018).—The vapours are passed over finely-divided CuO, MnO, or $TiO_2$ at 150—180°, when mild oxidation occurs. A. A. S.

METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

10

ca

**Decomposition of tannins by means of enzymes.** G. Tóth. *Magyar Tudár* 3, 1 (1944).—Expts. were made with Chinese tannin (gallotannin) to investigate if tannase is a uniform enzyme or two different enzymes which are necessary to attack two different bonds of tannin. Investigations with glucogalline and *m*-digallic acid showed that two different enzymes take part in the decompn., one being gallic acid esterase and the other depsidase; tannase seems to be composed of a mixt. of both. Glucogalline could be decompd. also by sugar-decompg. enzymes such as *β*-glucose oxidase. Decompn. can either take place between binding of sugar and gallic acid or between bindings of both gallic acids. István Finály

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

1ST AND 2ND ORDERS

H

25

675 021 4

71. Examination of the basicity of chrome tanning liquors, by G. Tóth and B. Tóth. ("Magyar Kémikusok Lapja" Journal of the Hungarian Chemical Society Vol IV, No. 12, pp. 711 716, Dec., 1949.)

The Morsey method is unsuitable for the determination of basicity of the dual chromium salts in the presence of ammonium salts. According to experiments made by the authors exact values can be obtained, however, by mixing the 0.01 per cent ethanol solutions of bromcresol-purple and bromthymolblue at a 1 : 1 ratio and using this mix ture as an indicator at titration. The pH value of chro mium alum solutions increase with larger quantities of ammonium sulphate but this effect is [illegible] capable in tannin liquors obtained by [illegible] mium chromium alum with sodium [illegible] with pickled calf skin and [illegible] when adding an absolute amount of sodium carbonate the chromium tannate absorption [illegible] rather than monochrome chromium alum [illegible] what less than from potassium chromium alum. However, by increasing the quantity of sodium carbonate to 1.5 per cent the absorption of chromium tannate in the leather will be identical.

CONDITIONS

MATERIALS INDEX

OPEN

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

GYEVAI, Angela T.; TOTH, G.; CSAKI, L.

Heart studies. V. Phosphorus metabolism in the heart of rats of different ages and of lower vertebrates. Acta biol. acad. sci. Hung. 13 no.1:117-122 '62.

1. Morphological Department (Head: I. Toro), Research Institute for Experimental Medicine of the Hungarian Academy of Sciences, Budapest, and Department of Histology and Embryology, Medical University, Budapest (Director: I. Toro).
(MYOCARDIUM) (PHOSPHORUS) (AGING)

BIERBAUER, J.; TOTH, G.; SZEGEDI, B.

The effect of thymus feeding on the regeneration of extremities in Pleurodeles waltlii. Acta biol. acad. sci. Hung. 13 no.1:83-88 '62.

1. Institut Fur Histologie und Embryologie, Medizinische Universitat, Budapest (Vorstand: I. Toro).
(REGENERATION) (EXTREMITIES) (THYMUS GLAND)
(AMPHIBIA)

S/137/62/000/002/018/01
A006/A101

AUTHORS: Králik, B. Makray, T., Toth, G.

TITLE: Investigating Al distribution in semi-killed steel ingots and plates

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 2, 1962, 43, abstract 2V261 ("Dunai vasmü", 1960, v. 1, no. 1, 22-32, Hungarian)

TEXT: The author describes a technology for melting and teeming 1.4 - 3.0-ton semi-killed steel ingots at the Dunai Metallurgical Combine. Final deoxidation is performed with Al powder (0.18 - 0.24 kg/t) through a funnel prior to completing the filling of the mold. The authors studied the distribution of deoxidation products in ingots and plates (8 - 25 mm) by the method of radioactive isotopes (with the use of Al tagged with $Zn^{65}$). They investigated also topography of plate defects by ultrasonic control to reveal the causes of rejects due to surface (15.16%) and internal (13.19%) defects. The non-uniform distribution of $Al_2O_3$ impurities revealed over the cross section of ingots and sheets was about 26% (increasing percentage towards the center) and over the height was ~71% (displacement towards the top of the ingots and plates). Rejects during the rolling of plates increase on account of a stronger segregation

Card 1/2

S/137/62/000/002/018/144
A006/A101

Investigating Al distribution ...

of $Al_2O_3$ impurities which is accompanied by the formation of cavities, unable to be welded-up, at the ingot top in the case of excessive final deoxidation, and by the formation of internal blisters in the case of weak final deoxidation. The formation of cavities which are unable to be welded-up, is explained by the joint effect of emanating gases and shrinkage. To improve the quality of ingots, it is recommended to use risers and to add the metal after final deoxidation through a funnel during the teeming into molds.

Yu. Minayev

[Abstracter's note: Complete translation]

Card 2/2

TOTH, G.

Dynamic endurance of belting leathers. p. 50.

BOR-ES CIPOTECHNIKA. (Boripari Tudomanyos Egyesulet mint a Magyar Tudomanyos Egyesuletek Szovetsege Tagegyesulete) Budapest, Hungary, Vol. 9, No. 2, April 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 7, July 1959. Uncla.

TOTH, G.

Determination of tensile strength on a decuple model. p. 109.

BÖR ES CIPOTECHNIKA. (Boripari Tudomanyos Egyesulet mint a Magyar Tudomanyos Egyesuletek Szovetsege Tagegyesulete) Budapest, Hungary. Vol. 9, no. 4, Aug. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 11, November 1959. Uncl.

TOTH, G.

Modern automatization and instrumentation of blast furnaces. p. 143.

KOHASZATI LAPOK. (Magyar Banyaszati es Kohaszati Egyesulet) Budapest, Hungary
Vol. 14, no. 4, Apr. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8 No. 8,
August 1959.
Uncla.

TOTH, G.

HUNGARY/Nuclear Physics - Installations and Instruments. C.
Method of Measurement and Research

Abs Jour : Ref Zhur - Fizika, No 7, 1959, 14800

Author : Molnar, Ferenc., Toth, Gyorgy
Inst : -
Title : Separation of Thorium, Zirconium, and Niobium from a Sulfate Medium by Ion Exchange

Orig Pub : Magyar tud. akad. Kozp. fiz. kutato int. kozl., 1958, 6, No 1-2, 66-70

Abstract : The ion-exchange adsorption of thorium, zirconium, and niobium in sulfate solutions was investigated. In the investigation the author used tar of Hungarian make, Mykion PA. It was established that it is possible to extract these elements separately from sulfate solutions in ion exchange. -- V.I. Lend'yel

Card 1/1

HUNGARY/Chemical Technology. Chemical Products and Their Applications. Leather. Fur. Gelatin. Tanning Materials. Industrial Proteins. H

Abs Jour: Ref Zhur-Khim., No 8, 1959, 29939.

Author : Toth, G.
Inst :
Title : Differences in the Technology of Syntan Utilization.

Orig Pub: Boer-es Cipoetech, 8, No 1, 8-11 (1958) (in Hungarian with German and Russian summaries)

Abstract: The effect of synthetic tanning substances on the formation of precipitates, on changes in the composition of the tanning liquor, and on leather yield and physicochemical properties has been investigated. The formation of Al and Cr tannates

Card : 1/2

TOTH, G.

"Permanent strain of belting leather." P. 336.

KOZARSTVI. (Ministerstvo spotrebniho prumyslu). Praha, Czechoslovakia, Vol. 8, No. 11, Nov. 1958.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncla.

ZA-[illegible] : Chemical Technology. Chemical Products and Their Applications. Leather. Fur. Gelatine.

ABS. JOUR. : [illegible], 19, [illegible], No. 70147

[illegible] : [illegible]

: [illegible] Tannin Substitutes for Leather.

ORIG. PUB. : Per-ez cimele In., 1959, [illegible], No. 6, [illegible]-102

ABSTRACT : A [illegible] review of [illegible] tannin substitutes [illegible] to [illegible] tanning [illegible] time is a [illegible] factor (not investigated until the present). Presented also are the results of experiments indicating that [illegible] of the fibers [illegible] in a [illegible] state increases [illegible] the tensile strength of the leather, the [illegible]

*Tanning Materials, Industrial Proteins.

CARD: 1/2

COUNTRY :
CATEGORY :

ABS. JOUR. : AZKHIM., [illegible] 19, 1959, No. 70145

TITLE :

ORIG. PUB. :

ABSTRACT : constants, such as for instance, the modulus of elasticity, as well as changes in the [illegible] resistance in the tanning process.
-- S. Rosenfeld.

CARD: 3/3

TOTH, G.; TOTH, G., JR.

A comparison of the wear of leather and rubber soles. In English. p.197.

ACTA TECHNICA. Budapest, Hungary. Vol. 25, no. 1/2, 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September, 1959
Uncl.

TOTH, G., JR.; TOTH, G.

A comparison of the wear of leather and rubber soles. In English. p.197.

ACTA TECHNICA. Budapest, Hungary. Vol. 25, no. 1/2, 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

HUNGARY/Chemical Technology. Chemical Products and Their Applications. Leather. Fur. Gelatin. Tanning Materials. Industrial Proteins. H

Abs Jour: Ref Zhur-Khim., No 8, 1959, 29939.

Author : Toth, G.
Inst :
Title : Differences in the Technology of Syntan Utilization.

Orig Pub: Boer-es Cipoetech, 8, No 1, 8-11 (1958) (in Hungarian with German and Russian summaries)

Abstract: The effect of synthetic tanning substances on the formation of precipitates, on changes in the composition of the tanning liquor, and on leather yield and physicochemical properties has been investigated. The formation of Al and Cr tannates

Card : 1/2

TOTH, G.

BOR- ES CIPŐTECHNIKA. (Boripari Tudomanyos Egyesulet mint a Magyar Tudomanyos Egyesuletek Szovetsege Tagegyesulete) Budapest.

Recurrent features: News of the Association;
Index for 1955.
Index for 1956.

Recent development in the physicomechanical investigations of leathers. p. 163.

Vol. 8, No. 6, Dec. 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 3, March 1959 Unclass.

TOTH, G.

TOTH, G.
Measurement of pressure of rolling machines. p. 98

Vol. 5, No. 5, Oct. 1955 Budapest, Hungary DOR-ES GEPOTTHONTA

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5
No. 3, March, 1956

TOTH, G.

Production control with the aid of the modulus of flexibility. p. 4. (Bor-Es Cipotechnika, Budapest, Vol. 5, no. 1, Feb 1955)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, no. 6, June 1955 Uncl

BINDER, Laszlo,; CSILLAG, Anna, dr.,; TOTH, Gabriella dr.

Cryptococcus luteolus as a cause of pulmonary mycosis. Orv. hetil. 96 no.25:687-691 19 June 55.

1. A Fovaros Laszlo Korhaza Rontgenosztalyanak (foorvos: Augusztin Vincze dr. es V. sz. Gyo mekosztalyanak (foorvos: Boda Domokos dr.) es az Orszagos Kozegeszsegugyi Intezet (folgazgato: Tako Jozsef dr.) kozlemenye.

(CRYPTOCOCCOSIS,
luteolus, pulm.)
(LUNGS, diseases,
cryptococcosis luteolus)

TOTH, Gabriella, dr.; DUDAS, Pat, dr.; PAUSCH, Ilona, dr.; VINCZE, Erzsebet, dr.

Data on the symptomatology of drug poisoning (Quinoseptyl) Stevens-Johnson syndrome. Orv. hetil. 105 no.17:787-790 26 Ap'64.

1. Laszlo Korhaz, III. Gyermekosztaly (foorvos: Dudas, Pal, dr.)

*

TOTH, Gabor, okl,banyamernok

Test of iron and manganese ore dressing by means of high intensity magnetic field separator. Bany lap 95 no.3:174-178 Mr '62.

1. Banyaszati Kutato Intezet, Budapest

HALASZ, Andras, okl. banyamernok, Kossuth-dijas, a muszaki tudomanyok kandidatusa; TOTH, Gabor, okl. banyamernok

Flotation enriching tests of cyclone concentratates in Urkut. Bany Lap 93 no. 4:248-253 Ap 60.

1. Banyaszati Kutato Intezet, Budapest.

TOTH, Gabor, okl. banyamernok

Determination of granulometry by means of the Stairmand apparatus.
Bany lap 93 no. 7:444-449 Jl'60.

1. Banyaszati Kutato Intezet, Budapest.

HALASZ, Andras, dr., Dipl. Bergingenieur, Kossuthpreistrage, Kandidat der techn. Wiss.; TOTH, Gabor, Dipl. Bergingenieur

Selective flotation tests of ores with low copper content from the ore deposit margin at Recsk. Izvestiia Bany KI no.5:183-187 '61.

HALASZ, Andras, okleveles banyamernok, Kossuth-dijas, a muszaki tudomanyok kandidatusa; TOTH, Gabor, okleveles banyamernok

Flotation enriching tests on cyclone concentrates in Urkut. Bany lap 93 no.4:248-253 Ap '60.

1. Banyaszati Kutato Intezet, Budapest.

HUNGARY

JUHASZ, Vilmos, Dr, ~~TOTH, Gabor, Dr;~~ Medical University of Budapest, I. Surgical Clinic (Budapesti Orvostudomanyi Egyetem, I. sz. Sebeszeti Klinika).

"Surgical Removal of an Extremely Large Hydronephrosis."

Budapest, Magyar Sebeszet, Vol XVI, No 4, Aug 1963, pages 270-272.

Abstract: [Authors' Hungarian summary] The authors report the removal of a hydronephrotic cystic kidney weighing 14,000 g. The etiological distribution and occurrence among the sexes are discussed. The clinical symptoms are evaluated and the fact is stressed that in some cases the diagnosis can be difficult. In such cases the patient might be operated on for some suspected abdominal tumor. 3 Western, 7 Eastern European references.

TOTH, Gabor, okleveles banyamernok

Granulometric determination by means of the Stairmand device.
Bany lap 93 no.7:444-449 Jl '60.

1. Banyaszati Kutato Intezet, Budapest.

JUHASZ, Vilmos, dr.; TOTH, Gabor, dr.

An operated case of an extremely extensive hydronephrosis.
Magy. sebesz. 16 no. 4:270-272 Ag '63.

1. A Budapesti Orvostudomanyi Egyetem I. sz. Sebeszeti Klinikajanak kozlemenye.
(HYDRONEPHROSIS)

TOTH, Geza, a kemiai tudomanyok doktora

Topographic examinations of sole bends from the points of view of watertightness and wear resistance. Bor cipo 13 no.3:81-86 My '63.

1. Pecsi Borgyar.

PALYI, Iren, dr.; TOTH, Geza, CSAKY, Laszlo; AFRA, Denes, dr.; ZOLTAN, Laszlo, dr.

Behavior of gliomas in tissue culture. II. The effect of x-ray on the phosphorus metabolism of glioma cultures. Ideggyogy. szemle 16 no.3:93-96 Mr '63.

1. Budapesti Orvostudomanyi Egyetem Szovet- es Fejlodestani Intezete (Igazgato: Toro Imre dr. akademikus), Orszagos Idegsebeszeti Tudomanyos Intezet (Igazgato: Zoltan Laszlo dr.) kozlemenye.
(GLIOBLASTOMA MULTIFORME) (RADIATION EFFECTS)
(ASTROCYTOMA) (TISSUE CULTURE) (PHOSPHORUS) (DNA)